

DW353117

PRESSURE SENSORS • CONNECTION G1/4" OUTSIDE

Pressure sensors are suitable for measuring different media with high accuracy. They are available with switching output and/or analog output. Using PC software, the measured values can be recorded depending on the device type. These sensors can be used in all areas of e.g. pneumatic and hydraulic applications.



MECHANICAL DATA Ambient temperature (MAX) 80 °C -20 °C Ambient temperature (MIN) 2500 bar Bursting pressure Degree of protection (IP) IP65 **Explosion-proof** No For gaseous media Yes For liquid media Yes Housing design Cylinder plain PA 6.6 (synthetic) Housing material Max. operating pressure 900000 hPa 900 bar Max. operating pressure Medium temperature (MAX) 80 °C -20 °C Medium temperature (MIN) Nominal pressure 600 bar Sensing element material Stainless steel 1.4435 38 mm Sensor diameter Sensor length 122 mm Thread length 14 mm Thread pitch 1.34 mm Type of pressure connection G1/4 inch A With hand operation No **ELECTRICAL DATA** Adjustable hysteresis Yes

	105
Damping (analog output) MAX	20 s
Damping (displayed value) MAX	20 s
Decay time	5 ms
Electronic version	Yes
End setting (MAX)	600000 hPa
End setting (MIN)	300000 hPa
End value measuring range, pressure	6000000 Pa

ipf electronic gmbh • Kalver Straße 25 - 27 • 58515 Lüdenscheid - Germany | Tel +49 2351 9365-0 • Fax +49 2351 9365-19 | info@ipf-electronic.com • www.ipf-electronic.com

IPF ELECTRONIC

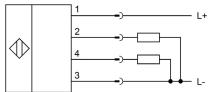
ELECTRICAL DATA

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Measuring display Relative	

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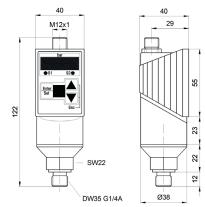
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CONNECTION



Colors: 1 = BN (brown), 2 = WH (white), 3 = BU (blue), 4 = BK (black) **Functions:** 1 = L+, 2 = PNP NO/NC, alarm, analog, 3 = L-, 4 = PNP NO/NC

DIMENSIONAL DRAWING



INSTALLATION





Mounting / Installation may only be carried out by a qualified electrician!



SAFETY WARNINGS

Before initial operation, please make sure to follow all safety instructions that may be provided in the product information!

Never use these devices in applications where the safety of a person depends on their functionality.